(066) CLAIMS

What is claimed is:

1. A casting form attachable to a form support member erected on a surface contiguous to a substrate upon which a cast-in-place structural element is to be formed, the casting form comprising:

a pliable tubular segment including an open first end; and

a form suspension assembly attachable between the pliable tubular segment and the form support member for suspending the pliable tubular segment from the form support member above the substrate.

2. The form of Claim 1 wherein the pliable tubular segment further comprises a polymer material.

3. The form of Claim 1 wherein the pliable tubular segment further comprises a sidewall including a thickness in the range of 4 mils to 40 mils.

4. The form of Claim 1 wherein the form suspension assembly further comprises a strap connected to the pliable tubular segment, the strap attachable to the form support member for suspending the pliable tubular segment above the substrate.

5. The form of Claim 1 wherein the form suspension assembly further comprises:

a suspension assembly connector attachable to the form support member; and

a support arm connected to and extending from a suspension assembly connector, the pliable tubular segment attachable to the support arm.

6. The form of Claim 1 wherein the form suspension assembly further comprises:

a suspension assembly connector attachable to the form support member;

a support arm connected to and extending from a suspension assembly connector; and

a support ring supported by the support arm, the pliable tubular segment attachable to the support ring.

7. The form of Claim 1 further comprising a connecting member support assembly attached to the pliable tubular segment for connecting a first end of a connecting member to the casting form during the casting of the cast-in-place structural element.

8. The form of Claim 7 wherein the connecting member support assembly further comprises a pocket including an aperture, a peripheral edge of the pocket aperture aligned with and connected to a peripheral edge of a side wall aperture, the pocket configured to receive and support the first end of the connecting member during the casting of the cast-in-place structural element.

9. The form of Claim 1 further comprising a form positioning and dampening assembly attachable to the form support member and a surface adjacent to a location upon which the cast-in-place structural element is to be cast for dampening motion in the form support member.

10. A casting form erectable on a substrate upon which a cast-in-place structural element is to be formed for casting a cast-in-place structural element, the casting form comprising:

a form support member erectable on a surface contiguous to the substrate upon which the cast-in-place structural element is to be cast;

a form suspension assembly attachable to the form support member; and

a pliable tubular segment attachable to the form support member for suspending the pliable tubular segment from the form support member above the substrate.

11. The casting form of Claim 10 wherein the form support member is erected on a surface internal to a sidewall of the pliable tubular segment.

12. The casting form of Claim 10 wherein the form support member is erected on a surface external to a sidewall of the pliable tubular segment.

13. The casting form of Claim 10 wherein the pliable tubular segment further comprises a cylindrical sleeve formed of a sheet polymer material having a wall thickness in the range of 4 mils to 40 mils.

14. The casting form of Claim 10 wherein the form suspension assembly further comprises a strap connected near a first end of the pliable tubular segment, the strap attachable to the form support member for suspending the pliable tubular segment above the substrate.

15. The casting form of Claim 10 wherein the form suspension assembly further comprises:

a suspension assembly connector attachable to the form support member; and

a support arm connected to and extending from suspension assembly connector, the pliable tubular segment attachable to the support arm.

16. The casting form of Claim 10 wherein the form suspension assembly further comprises:

a suspension assembly connector attachable to the form support member;

a support arm connected to and extending from suspension assembly connector; and

a support ring supported by the support arm, the pliable tubular segment attachable to the support ring.

17. The casting form of Claim 10 further comprising a connecting member support assembly attached to the pliable tubular segment for connecting and supporting a first end of a connecting member during casting of the cast-in-place structural element.

18. The casting form of Claim 17 wherein the connecting member support assembly further comprises a soft pocket connected to a sidewall of the pliable tubular segment, the soft pocket configured to receive or support the first end of the connecting member during casting of the cast-in-place structural element.

19. The casting form of Claim 17 wherein the connecting member support assembly further comprises a hard pocket connected to the pliable tubular segment, the hard pocket defining an interior portion including a configuration approximating a configuration of a first end of a connecting member, the hard pocket configured to receive or support the first end of the connecting member during casting of the cast-in-place structural element.

20. The casting form of Claim 17 wherein the connecting member support assembly further comprises a pocket attached to the form support member.

21. The casting form of Claim 10 further comprising a form positioning and dampening assembly attachable to the form support member and a surface adjacent to a location upon which the cast-in-place structural element is to be cast for dampening motion in the form support member.

22. A fencing system comprising:

a first form support member erected on a surface contiguous to a substrate upon which the cast-in-place structural element is to be formed;

a second form support member erected on the surface contiguous to a substrate upon which the cast-in-place structural element is to be formed;

a first pliable tubular segment attached to and suspended from the form support member;

a first connecting member attachment assembly connected to the first pliable tubular segment;

a second pliable tubular segment attached to suspended from the second form support member;

a second connecting member attachment assembly connected to the second pliable tubular segment; and

a connecting member including a first end attached to the first connecting member attachment assembly.

23. The fencing system of Claim 22 further comprising the first form support member erected in a first post hole and the second form support member erected in a second post hole.

24. The fencing system of Claim 22 further comprising:

a first form positioning and dampening assembly attachable to the first form support member for stabilizing the first form support member; and

a second form positioning and dampening assembly attachable to the second form support member for stabilizing the second form support member.

25. The fencing system of Claim 22 further comprising a curable casting mixture cast-in-place within the first pliable tubular segment and the second first pliable tubular segment.